

TAKEDA et al.
Serial No.: 09/686,761

Sheet 1

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

723-933

09/686,761

APPLICANT

NISHIUMI et al.

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Group
2671

OCTOBER 12, 2000



U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | IF APPROPRIAT | FILING DATE |
|----------------------|------------------|------------|------------------|--------|----------|---------------|-------------|
| RE | 4,148,014 | 4/3/1979 | Burson | 1 | 1 | | |
| | 4,620,176 | 10/28/1986 | Hayes | 1 | 1 | | |
| | 4,766,423 | 8/23/1988 | Ono et al. | 1 | 1 | | |
| | 5,694,153 | 12/2/1997 | Aoyagi et al. | 1 | 1 | | |
| | 5,984,785 | 11/16/1999 | Takeda et al. | 1 | 1 | | |
| | 5,963,196 | 10/5/1999 | Nishiumi et al. | 1 | 1 | | |
| | 6,002,351 | 12/14/1999 | Takeda et al. | 1 | 1 | | |
| | 6,102,803 | 8/15/2000 | Takeda et al. | 1 | 1 | | |
| | 6,186,896 | 2/13/2001 | Takeda et al. | 1 | 1 | | |
| | 6,200,253 | 3/13/2001 | Nishiumi et al. | 1 | 1 | | |
| | 4,467,412 | 8/21/1984 | Hoff | 1 | 1 | | |
| | 5,830,066 | 11/3/1998 | Goden et al. | 1 | 1 | | |
| | 5,805,138 | 9/8/1998 | Brawne et al. | 1 | 1 | | |
| | 5,872,999 | 2/16/1999 | Koizumi et al. | 1 | 1 | | |
| | 6,050,718 | 4/18/2000 | Schena et al. | 1 | 1 | | |
| | 6,067,077 | 5/23/2000 | Martin et al. | 1 | 1 | | |
| | 6,126,544 | 10/3/2000 | Kojima | 1 | 1 | | |
| | 6,146,277 | 11/14/2000 | Ikeda | 1 | 1 | | |
| | 6,149,519 | 11/21/2000 | Osaki et al. | 1 | 1 | | |
| | 6,154,197 | 11/28/2000 | Watari et al. | 1 | 1 | | |
| | 6,175,366 | 1/16/2001 | Watanabe et al. | 1 | 1 | | |
| | 5,146,557 | 9/8/1992 | Yamrom et al. | 1 | 1 | | |
| | 5,566,280 | 10/15/1996 | Fukui et al. | 1 | 1 | | |
| | 5,769,718 | 6/23/1998 | Rieder | 1 | 1 | | |
| | 5,830,066 | 11/3/1998 | Goden et al. | 1 | 1 | | |
| | 5,883,628 | 3/16/1999 | Mullaly et al. | 1 | 1 | | |
| | 6,078,329 | 6/20/2000 | Umeki et al. | 1 | 1 | | |
| RE | 6,126,545 | 10/3/2000 | Takahashi et al. | 1 | 1 | | |
| | | | | | | | |
| | | | | | | | |
| *Examiner | Ronald A. Soreau | | Date Considered | 1/4/04 | | | |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. FORM PTO-FB-A820 (Also PTO-1449)

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107/12/00INFORMATION DISCLOSURE
CITATION

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NISHIUMI et al.

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2772

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|----------|-------------------|-------|----------|-------------------------------|
| RL | 4,359,222 | 11/16/82 | SMITH, III et al. | 11 | 11 | |
| | 4,469,330 | 9/4/84 | ASHER | 11 | 11 | |
| | 4,552,360 | 11/12/85 | BROMLEY et al. | 11 | 11 | |
| | 4,587,510 | 5/6/86 | KIM | 11 | 11 | |
| | 4,659,313 | 4/21/87 | KUSTER et al. | 11 | 11 | |
| | 4,748,441 | 5/31/88 | BRZEZINSKI | 11 | 11 | |
| | B1 4,870,389 | 6/17/97 | ISHIWATA et al. | 11 | 11 | |
| | 4,887,966 | 12/19/89 | GELLERMAN | 11 | 11 | |
| | 4,924,216 | 5/8/90 | LEUNG | 11 | 11 | |
| | 4,933,670 | 6/12/90 | WISLOCKI | 11 | 11 | |
| | 4,974,192 | 11/27/90 | FACE et al. | 11 | 11 | |
| | 4,976,429 | 12/11/90 | NAGEL | 11 | 11 | |
| | 5,012,230 | 4/30/91 | YASUDA | 11 | 11 | |
| | 5,046,739 | 9/10/91 | REICHOW | 11 | 11 | |
| | 5,203,563 | 4/20/93 | LOPER, III | 11 | 11 | |
| | 5,207,426 | 5/4/93 | INOUE et al. | 11 | 11 | |
| | 5,290,034 | 3/1/94 | HINEMAN | 11 | 11 | |
| | 5,436,640 | 7/25/95 | REEVES | 11 | 11 | |
| | 5,515,044 | 5/7/96 | GLATT | 11 | 11 | |
| | 5,551,693 | 9/3/96 | GOTO et al. | 11 | 11 | |
| | 5,563,629 | 10/8/96 | CAPRARA | 11 | 11 | |
| | 5,643,087 | 7/1/97 | MARCUS et al. | 11 | 11 | |
| RL | 5,624,117 | 4/29/97 | OHKUBO et al. | 11 | 11 | |

FOREIGN PATENT DOCUMENTS

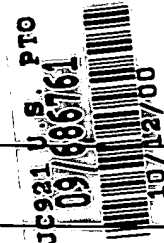
| | | | | | | TRANSLATION | |
|----------|-----------|----------|----------------------------------|----------|----|-------------|----|
| DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | | YES | NO |
| RL | 50-22475 | 3/13/75 | JAPAN (with 1 claim translation) | 11 | 11 | | |
| | 57-2084 | 1/7/82 | JAPAN (with 1 claim translation) | 11 | 11 | | |
| | 57-18236 | 1/30/82 | JAPAN (with 1 claim translation) | 11 | 11 | | |
| | 57-136217 | 8/23/82 | JAPAN (with Abstract) | 11 | 11 | | |
| | 59-40258 | 3/5/84 | JAPAN (with Abstract) | 11 | 11 | | |
| | 59-121500 | 7/13/84 | JAPAN (with 1 claim translation) | 11 | 11 | | |
| | 61-16641 | 1/30/86 | JAPAN (with 1 claim translation) | 11 | 11 | | |
| | 61-185138 | 11/18/86 | JAPAN (with 1 claim translation) | 11 | 11 | | |
| RL | 61-198286 | 9/2/86 | JAPAN (with 1 claim translation) | 11 | 11 | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

| | | | |
|-----------|---------------|-----------------|--------|
| *Examiner | Ronald Doreau | Date Considered | 1/4/04 |
|-----------|---------------|-----------------|--------|

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|----------|------------------|-------|----------|-------------------------------|
| RU | 5,213,327 | 5/25/93 | KITAUE | 11 | 11 | |
| | 5,245,320 | 9/14/93 | BOUTON | 11 | 11 | |
| | 5,390,937 | 2/21/95 | SAKAGUCHI et al. | 11 | 11 | |
| | 4,868,780 | 9/19/89 | STERN | 11 | 11 | |
| | 5,001,632 | 3/19/91 | HALL-TIPPING | 11 | 11 | |
| | 5,259,626 | 11/9/93 | HO | 11 | 11 | |
| | 5,286,024 | 2/15/94 | WINBLAD | 11 | 11 | |
| | 5,451,053 | 9/19/95 | GARRIDO | 11 | 11 | |
| | 5,459,487 | 10/17/95 | BOUTON | 11 | 11 | |
| | 5,473,325 | 12/5/95 | MCALINDON | 11 | 11 | |
| | 5,593,350 | 1/14/97 | BOUTON et al. | 11 | 11 | |
| | 5,607,157 | 3/4/97 | NAGASHIMA | 11 | 11 | |
| | 5,615,083 | 3/25/97 | BURNETT | 11 | 11 | |
| | 5,632,680 | 5/27/97 | CHUNG | 11 | 11 | |
| | 5,640,177 | 6/17/97 | HSU | 11 | 11 | |
| | 5,649,862 | 7/22/97 | SAKAGUCHI et al. | 11 | 11 | |
| | 5,653,637 | 8/5/97 | TAI | 11 | 11 | |
| RU | 5,706,029 | 1/6/98 | TAI | 11 | 11 | |

FOREIGN PATENT DOCUMENTS

| | | | | | | TRANSLATION | |
|------------|---------|---------|-------|----------|--|-------------|----|
| DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | | YES | NO |
| RU 268 419 | 5/25/88 | EPO | 11 | 11 | | | |
| 1 553 532 | 8/4/93 | EPO | 11 | 11 | | | |
| 685 246 | 12/6/95 | EPO | 11 | 11 | | | |
| RU 724 220 | 7/31/96 | EPO | 11 | 11 | | | |
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

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| *Examiner | Ronald Deneau | Date Considered | 1/4/04 |
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| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|----------|----------------|-------|----------|-------------------------------|
| RU | Des. 316,879 | 5/14/91 | SHULMAN et al. | 1 | 1 | |
| | Des. 317,946 | 7/2/91 | TSE | 1 | 1 | |
| | Des. 357,712 | 4/25/95 | WU | 1 | 1 | |
| | Des. 363,092 | 10/10/95 | HUNG | 1 | 1 | |
| RU | Des. 375,326 | 11/5/96 | YOKOI et al. | 1 | 1 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|-----------|----------|----------------------------------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| RU | 62-269221 | 11/21/97 | JAPAN (with Abstract) | 1 | 1 | | |
| | 2-41342 | 3/22/90 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 2-68404 | 5/24/90 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 3-16620 | 1/24/91 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 3-248215 | 11/6/91 | JAPAN (with Abstract) | 1 | 1 | | |
| | 4-20134 | 2/20/92 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 4-26432 | 1/29/92 | JAPAN (with Abstract) | 1 | 1 | | |
| | 4-104893 | 9/9/92 | JAPAN | 1 | 1 | | |
| | 4-291468 | 10/15/92 | JAPAN (with Abstract) | 1 | 1 | | |
| | 4-42029 | 2/12/92 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 5-19925 | 5/25/93 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 5-100759 | 4/23/93 | JAPAN (with 1 claim translation) | 1 | 1 | | |
| | 5-177057 | 7/20/93 | JAPAN (with Abstract) | 1 | 1 | | |
| | 5-241502 | 9/21/93 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-23148 | 2/1/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-54962 | 3/1/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-68238 | 3/11/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-110602 | 4/22/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-114683 | 4/26/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-190145 | 7/12/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-190147 | 7/12/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-205010 | 7/22/94 | JAPAN (with Abstract) | 1 | 1 | | |
| | 6-285259 | 10/11/94 | JAPAN (with Abstract) | 1 | 1 | | |
| RU | 6-315095 | 11/8/94 | JAPAN (with Abstract) | 1 | 1 | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

| | | | |
|-----------|---------------|-----------------|--------|
| *Examiner | Ronald Hanson | Date Considered | 1/4/04 |
|-----------|---------------|-----------------|--------|

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| | NISHIUMI et al. | 2772 |
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U.S. PATENT DOCUMENTS

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|-------------------|-----------------|------|------|-------|----------|----------------------------|

FOREIGN PATENT DOCUMENTS

| | | | | | | TRANSLATION | |
|----|-------------|----------|-----------------------|-------|----------|-------------|----|
| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| RU | 7-104930 | 4/21/95 | JAPAN (with Abstract) | | | | |
| | 7-222865 | 8/22/95 | JAPAN (with Abstract) | | | | |
| | 7-288006 | 10/31/95 | JAPAN (with Abstract) | | | | |
| | 7-317230 | 12/5/95 | JAPAN (with Abstract) | | | | |
| | 8-45392 | 2/16/96 | JAPAN (with Abstract) | | | | |
| | 0 470 615 | 2/12/92 | EPO | | | | |
| | WO 92/09347 | 6/11/92 | PCT | | | | |
| | WO 94/12999 | 6/9/94 | PCT | | | | |
| | WO97/17651 | 5/15/97 | PCT (with Abstract) | | | | |
| | 2 244 546 | 12/4/91 | GREAT BRITAIN | | | | |
| | 2 263 802 | 8/4/93 | GREAT BRITAIN | | | | |
| RU | 40 18 052 | 12/20/90 | GERMANY | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

| | |
|-----------|---|
| RU | 3D BALLZ INSTRUCTION BOOKLET, ACCOLADE, San Jose, California, #3050-00231 Rev. A |
| | 6 Photographs of Sony PlayStation: 1) top case and compact disk; 2) hand controller; 3) internal circuit boards (top view); 4) internal circuit boards (top view); 5) compact disk reader (bottom view); and internal main circuit board (bottom view). |
| | KNUCKLES CHAOTIX INSTRUCTION MANUAL, SEGA, Redwood City, California, #84503 (1995) |
| | Nintendo Power, Vol. 30, page 22, PilotWings article. |
| | Nintendo Power, Vol. 31, page 35, PilotWings article. |
| | NINTENDO POWER, Vol. 31, pages 74-76, PilotWings article. |
| | NINTENDO POWER, Vol. 38, page 25, PilotWings article. |
| | NINTENDO POWER, Vol. 46, PilotWings article. |
| | PilotWings Instruction Booklet, Super Nintendo Entertainment System, SNS-PW-USA, copyright 1991. |
| | PilotWings, It's a Festival of Flight, Top Secret Password Nintendo Player's Guide, pages 82-83 and 160, copyright 1991. |
| | PilotWings, Soar with the Flight Club, Super Nintendo Entertainment System Play's Guide, pages 100-105, copyright 1991. |
| | SEGA GENESIS 32X INSTRUCTION MANUAL, SEGA, Redwood City California, #672-2116 (1994) |
| | SEGA GENESIS INSTRUCTION MANUAL, SEGA, Hayward, California, #3701-926-0-01 (1994) |
| | SONIC 2 THE HEDGEHOG INSTRUCTION MANUAL, SEGA, Hayward, California, #672-0944 3701-925-0-01 (1992) |
| RU | Sony PlayStation Instruction Manual, and informational materials, Sony Computer Entertainment Inc. 1995 |
| *Examiner | Ronald Daneau |
| | Date Considered 1/4/04 |

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|----------------------|-----------------|----------|----------------------|-------|----------|-------------------------------|
| RU | A 4,887,230 | 12/12/89 | NOGUCHI et al. | | | |
| | B 4,916,440 | 4/10/90 | FAESER et al. | | | |
| | C 5,394,168 | 2/28/95 | SMITH III et al. | | | |
| | D 5,663,747 | 9/2/97 | SHULMAN | | | |
| | E 5,684,512 | 11/4/97 | SCHOCH et al. | | | |
| | F 5,786,807 | 7/28/98 | COUCH et al. | | | |
| | G 5,793,356 | 8/11/98 | SVANCAREK et al. | | | |
| | H 3,729,129 | 4/24/73 | FLETCHER et al. | | | |
| | I 5,558,329 | 9/24/96 | LIU | | | |
| | J 5,714,981 | 2/3/98 | SCOTT-JACKSON et al. | | | |
| | K 4,161,726 | 7/17/79 | BURSON et al. | | | |
| | L 4,685,678 | 8/11/87 | FREDERIKSEN | | | |
| | M 5,329,276 | 7/12/94 | HIRABAYASHI | | | |
| | N 5,421,590 | 6/6/95 | ROBBINS | | | |
| | O 5,551,701 | 9/3/96 | BOUTON et al. | | | |
| | P 5,589,854 | 12/31/96 | TSAI | | | |
| | Q 5,704,837 | 1/6/98 | IWASAKI et al. | | | |
| | R 5,734,373 | 3/31/98 | ROSENBERG et al. | | | |
| | S 5,160,918 | 11/3/92 | SAPOSNIK et al. | | | |
| RU | T 5,237,311 | 8/17/93 | MAILEY et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | | | TRANSLATION | |
|----------------|---------|---------------|-------|-------------|--------|
| DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | YES NO |
| RU U 32 04 428 | 8/18/83 | GERMANY | | | |
| RU V 2,234,575 | 2/6/91 | GREAT BRITAIN | | | |
| RU 431 723 | 6/12/91 | EPO | | | |

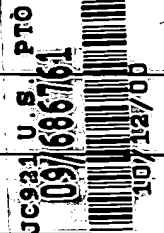
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

| | |
|------|--|
| RU W | "Analog Joystick Interface Emulation Using a Digital Counter", IBM technical Disclosure Bulletin, Vol. 37, No. 08, August 1994, pp. 73-74. |
| RU | "Hardware Reset With Microcode Warning Period", IBM Technical Disclosure Bulletin, Vol. 33, No. 11, April 1991, pages 105-106 |

| | | | |
|-----------|---------------|-----------------|--------|
| *Examiner | Ronald Joneau | Date Considered | 1/4/04 |
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|----------------------|---|-----------------|----------|-------------------|-------|----------|-------------------------------|
| <i>ru</i> | A | 5,513,307 | 4/30/96 | NAKA et al. | | | |
| | B | 5,680,534 | 10/21/97 | YAMATO et al. | | | |
| | C | 5,838,330 | 11/17/98 | AJIMA | | | |
| | D | 5,862,229 | 1/19/99 | SHIMIZU | | | |
| | E | 3,666,900 | 5/30/72 | ROTHWEILER et al. | | | |
| | F | 3,827,313 | 8/6/74 | KIESSLING | | | |
| | G | 4,315,113 | 2/9/82 | FISHER et al. | | | |
| | H | 4,538,035 | 8/27/85 | POOL | | | |
| | I | 4,575,591 | 3/11/86 | LUGARES | | | |
| <i>ru</i> | J | 5,804,781 | 9/8/98 | OKABE | | | |
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| *Examiner | <i>Ronald Hansen</i> | Date Considered | <i>1/4/04</i> |
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|----------------------|-----------------|----------|--------------------|-------|----------|-------------------------------|
| RU | 5,566,280 | 10/15/96 | Fukui et al. | | | |
| | 5,415,549 | 5/16/95 | Logg | | | |
| | 4,148,014 | 4/3/79 | Burson | | | |
| | 5,388,990 | 2/14/95 | Beckman | | | |
| | 5,512,920 | 4/30/96 | Gibson | | | |
| | 5,670,955 | 9/23/97 | Thorne, III et al. | | | |
| | 5,820,462 | 10/13/98 | Yokoi et al. | | | |
| | 5,095,798 | 3/17/92 | Okada et al. | | | |
| | 5,358,259 | 10/94 | Best | | | |
| | 5,393,070 | 2/95 | Best | | | |
| | 5,393,071 | 2/95 | Best | | | |
| | 5,393,072 | 2/95 | Best | | | |
| | 5,393,073 | 2/95 | Best | | | |
| | 4,639,225 | 1/27/87 | Washizuka | | | |
| | 5,973,704 | 10/26/99 | Nishiumi et al. | | | |
| | 4,789,932 | 12/6/88 | Cutler et al. | | | |
| | 4,890,832 | 1/2/90 | Komaki | | | |
| | 4,875,154 | 10/17/89 | Monfort | | | |
| | 5,691,898 | 11/25/97 | Rosenberg et al. | | | |
| | 5,785,597 | 7/28/98 | Shinohara | | | |
| | 5,791,994 | 8/11/98 | Hirano et al. | | | |
| | 5,896,125 | 4/20/99 | Niedzwiecki | | | |
| | 5,628,686 | 5/13/97 | Svancarek et al. | | | |
| RU | 4,976,435 | 12/11/90 | Shatford et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | | | | | TRANSLATION | |
|----------|------------|----------|-------|----------|--|-------------|----|
| DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | | YES | NO |
| RU | 07068052 | 3/95 | | | | Abstract | |
| | 6-61390 | 8/17/94 | | | | Abstract | |
| | 90881/91 | 5/92 | | | | | |
| | 2-283390 | 11/20/90 | | | | X | |
| | 7-144069 | 6/6/95 | | | | Abstract | |
| | 9-56927 | 3/4/97 | | | | Abstract | |
| RU | WO97/32641 | 12/9/97 | | | | Abstract | |

*Examiner Ronald Aeneas Date Considered 1/4/04

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|----------|------------------|-------|----------|-------------------------------|
| <i>RU</i> | 5,259,626 | 11/9/93 | Ho | | | |
| | 5,451,053 | 9/19/95 | Garrido | | | |
| | 5,734,376 | 3/31/98 | Hsien | | | |
| | 5,769,719 | 6/23/98 | Hsu | | | |
| | 5,793,356 | 8/11/98 | Svancarek et al. | | | |
| | 5,867,051 | 2/2/99 | Liu | | | |
| | 5,877,749 | 3/2/99 | Shiga et al. | | | |
| | 5,898,424 | 4/27/99 | Flannery | | | |
| | 6,020,876 | 2/1/00 | Rosenberg et al. | | | |
| | 6,034,669 | 3/7/00 | Chiang et al. | | | |
| | 6,036,495 | 3/14/00 | Marcus et al. | | | |
| | 6,071,194 | 6/6/00 | Sanderson et al. | | | |
| | 5,291,189 | 3/1/94 | Otake et al. | | | |
| | 5,337,069 | 8/9/94 | Otake et al. | | | |
| | 5,371,512 | 12/6/94 | Otake et al. | | | |
| | 5,226,136 | 7/6/93 | Nakagawa | | | |
| | 4,926,372 | 5/15/90 | Nakagawa | | | |
| | 4,984,193 | 1/8/91 | Nakagawa | | | |
| | 5,453,763 | 9/26/95 | Nakagawa et al. | | | |
| | 5,317,714 | 5/31/94 | Nakagawa et al. | | | |
| | 5,327,158 | 7/5/94 | Takahashi et al. | | | |
| | 5,273,294 | 12/28/93 | Amanai | | | |
| | 5,816,921 | 10/6/98 | Hosokawa | | | |
| <i>RU</i> | 5,426,763 | 6/20/95 | Okada | | | |

| | | | |
|-----------|----------------------|-----------------|---------------|
| *Examiner | <i>Ronald Haneau</i> | Date Considered | <i>1/4/04</i> |
|-----------|----------------------|-----------------|---------------|

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----------------------|----------|------------------|---------------|----------|-------------------------------|
| <i>RU</i> | 5,014,982 | 5/14/91 | Okada et al. | | | |
| | 4,799,677 | 1/24/89 | Freederiksen | | | |
| | 4,783,812 | 11/8/88 | Kaneoka | | | |
| | 4,485,457 | 11/27/84 | Balaska et al. | | | |
| | 6,022,274 | 2/8/00 | Takeda et al. | | | |
| | 5,946,004 | 8/31/99 | Kitamura et al. | | | |
| | 4,949,298 | 8/14/90 | Nakanishi et al. | | | |
| | 5,276,831 | 1/4/94 | Nakanishi et al. | | | |
| | 5,357,604 | 10/18/94 | San et al. | | | |
| | 5,388,841 | 2/14/95 | San et al. | | | |
| | 5,724,497 | 3/3/98 | San et al. | | | |
| | 5,850,230 | 12/15/98 | San et al. | | | |
| | 6,042,478 | 3/28/00 | Ng | | | |
| | 5,437,464 | 8/1/95 | Terasima et al. | | | |
| | 6,001,015 | 12/14/99 | Nishiumi et al. | | | |
| <i>RU</i> | 6,007,428 | 12/28/99 | Nishiumi et al. | | | |
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| *Examiner | <i>Ronald Aeneas</i> | | Date Considered | <i>1/4/00</i> | | |

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